

**ABSTRACT OF THE DISCLOSURE**

**ENTERPRISE ACTIVE DIRECTORY DIAGNOSIS AND REPAIR**

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A method, system, and computer program product for monitoring a directory service within a distributed data processing system is provided. In one embodiment, the monitoring system scans the event logs of components and applications utilized by the directory service within a distributed data processing system. Responsive to a determination that an error is indicated by one of the event logs, the monitoring system consults a knowledge base to determine if an entry for the error is contained within the knowledge base. If an entry for the error is contained within the knowledge base, the system determines corrective actions to be taken to correct the error and whether the corrective actions are authorized under the present conditions of the distributed data processing system by consulting the knowledge base entries. If the corrective actions are authorized, the monitoring system commits the corrective actions to restore the directory service and distributed data processing system to proper working order.